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## **METRIC CHART**

## THE METRIC SYSTEM AND EQUIVALENTS

# LINEAR MEASURE

- 1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
- 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
- 1 Kilometer = 1000 Meters = 0.621 Miles

### WEIGHTS

- 1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
- 1 Kilogram = 1000 Grams = 2.2 Lb
- 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

### LIQUID MEASURE

Kilometers per Hour

- 1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
- 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

### SQUARE MEASURE

- 1 Sq Centimeter = 100 Sq Millimeters = 0.155 Sq Inches
- 1 Sq Meter = 10,000 Sq Centimeters = 10.76 Sq Feet
- 1 Sq Kilometer = 1,000,000 Sq Meters = 0.386 Sq Miles

### **CUBIC MEASURE**

1 Cu Centimeter = 1000 Cu Millimeters = 0.06 Cu Inches 1 Cu Meter = '1,000,000 Cu Centimeters = 35.31 Cu Feet

#### **TEMPERATURE**

5/9 (°F -32) = °C

212° Fahrenheit is equivalent to 100° Celsius

90° Fahrenheit is equivalent to 32.2° Celsius

32° Fahrenheit is equivalent to 0° Celsius

 $-9/5 \, \text{C}^{\,\circ} + 32 = \text{F}^{\,\circ}$ 

0 621

### **APPROXIMATE CONVERSION FACTORS**

TO CHANGE	то	MULTIPLY BY
Inches	. Centimeters	2.540
Feet	. Meters	0.305
	. Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	. Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
		0.473
Quarts	Liters	0.946
Gallons	Liters	3.785
Ounces	Grams	. 28.349
Pounds	Kilograms	
Short Tons		0.907
Pound Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609
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Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Kilometers Square Hectometers Cubic Meters Cubic Meters Milliliters	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Yards Fluid Ounces	0.394 3.280 1.094 0.621 0.155 10.764 1.196 0.386 2.471 35.315 1.308 0.034
Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Kilometers Square Hectometers Cubic Meters Cubic Meters Milliliters Liters	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Yards Fluid Ounces	0.394 3.280 1.094 0.621 0.155 10.764 1.196 0.386 2.471 35.315 1.308 0.034 2.113
Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Meters Square Hectometers Cubic Meters Cubic Meters Milliters Liters Liters	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Feet Cubic Yards Fluid Ounces Pints Quarts	0.394 3.280 1.094 0.621 0.155 10.764 1.196 0.386 2.471 35.315 1.308 0.034 2.113
Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Hectors Square Hectometers Cubic Meters Cubic Meters Milliliters Liters Liters Liters Liters	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Yards Fluid Ounces Pints Quarts Gallons	0.394 3.280 1.094 0.621 0.155 10.764 1.196 0.386 2.471 35.315 1.308 0.034 2.113 1.057 0.264
Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Hectors Square Hectometers Cubic Meters Cubic Meters Liters Liters Liters Liters Liters Grams	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Yards Fluid Ounces Pints Quarts Gallons Ounces	0 394 3 280 1 094 0 621 0 155 10 764 1 196 0 386 2 471 35 315 1 308 0 034 2 113 1 057 0 264 0 035
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Centimeters Meters Meters Kilometers Square Centimeters Square Meters Square Meters Square Meters Cubic Meters Cubic Meters Liters Liters Liters Grams Kilograms Metric Tons	Inches Feet Yards Miles Square Inches Square Feet Square Yards Square Miles Acres Cubic Feet Cubic Yards Fluid Ounces Pints Quarts Gallons Ounces Pounds Short Tons	0.394 3.280 1.094 0.621 0.155 10.764 1.196 0.386 2.471 35.315 1.308 0.034 2.113 1.057 0.264 0.035 2.205
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Miles per Hour



